Date:

Annual Diesel Service Check List

Visually inspect engine for;	
Oil Leaks	
Water leaks	
Corrosion build up	
Drive belt condition and tension	
Hose condition (oil & Fuel)	
Perform the following operations as per the engines maintenance manual;	
Change engine oil	
Change oil filter	
Check coolant condition	
Change Fuel Filters	
Check/replace air filter	
Replace engine anodes	
Check/clean water inlet strainer	
Service water pump	
Check gear oil level	
Check warning lights and gauges	
Check battery terminals	
Check battery fluid and load test	
Check full throttles at pump	
Check control unit operation	
Check cables to and from Control unit	
Check cables to and from engine/gear box	
Check stuffing box/Shaft seal	
Check sea cock operation	
Clean engine	
Run and check for leaks etc	

Please note, this is a generic checklist, it is the responsibility of the user to ensure that they refer to the engines specific service manual to ensure all items are covered. It is always recommended that a qualified person carry out the service duties.

Date:

Adjust Tappet clearances	
Check injector operating pressure and spray pattern	
Compression test	
Change gear/sail drive oil	

Major Service – recommended to be carried out by Mariner Engineering

Tips;

Always keep a spare water pump impellor onboard

Always keep spare drive belts onboard

Always keep a spare fuel filter onboard

Ensure you have suitable tools onboard

Always run your engine a few minutes at idle to warm up before engaging

Always run your engine a few minutes at idle before turning off

When replacing anodes do not put thread tape on any of the thread fittings, apply some grease so that they can be more easily undone next time

If when changing your oil it is a milky colour you have water in the oil – call Mariner Engineering

Look for any metal filings or debris in the oil when changing it. If you find any – call Mariner Engineering

If you note any cracks in your drive belts or hoses – change them

Keep your fuel tanks full to prevent condensation and if practical drain or siphon from the bottom of the tank once a year to see if there is any water present. If there is use a biocide and drain the water.

Always keep the motor clean so you can see oil or water leaks

If your anode is 50% or more gone when you replace it, check it more regularly

When possible purchase your fuel from a service station with high turn over

If in doubt, contact Mariner Engineering for advice and parts.

Mariner Engineering contact number – 9397 8200

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